



Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

June 2018
Volume 19
Issue 6

ACARTS 2018 VHF FM SIMPLEX CONTEST RESULTS

By Joseph Lawrence, K9RFZ
ACARTS Vice-President

The ACARTS sponsored the 2018 Allen County VHF FM Simplex contest on Saturday April 7. Participants spread across 8 townships in 3 different counties operated in the event. A total of 230 QSO's were logged during the 3-hour long sprint. The base station category was very competitive, while the rover category had a single entry. No one submitted a log for the portable operation category this year. Even if you chose not to submit a log, giving out QSO's to those attempting to rack up big scores is an important contribution. The contest score results are reported in the table below.

Certificate awards were presented by ACARTS President, Dave Lindquist W9LKH, at the May General meeting to first place winners in each operating category. The rover team of Charles Ward KC9MUT and Fred Gengnagel KC9EZP took top honors and boosted other scores with contacts from multiple townships. Bob Marschand, K9BLI

Continued on Page 5



Fred Gengnagel KC9EZP (left) Receives
1st Place Rover Award from Dave
Lindquist W9LKH



Bob Marschand K9BLI (left) Accepts 1st
Place Base Award from Dave Lindquist
W9LKH

ACARTS 2018 VHF FM Simplex Contest

Call Sign	Category	QSO #	Township #	Score	Rank
K9BLI	Base	37	7	259	1
AC9EZ	Base	27	8	216	2
W9SAN	Base	27	7	189	3
N9TB	Base	26	7	182	4
WA9BBN	Base	23	7	161	5
K9JDF	Base	4	3	12	6
KD9AKI	Base	3	2	6	7
NA	Portable				
KC9MUT/ KC9EZP	Rover	83	11	913	1

Also this month

Silent Keys	5	Classified Ads	9
Hamvention Photos.....	7	Contests / Repeaters	10
The Foxhunt Chronicles	8	Membership App / Nets.....	11
Indiana QSO Party	9	Activities Calendar	12

Internet Home Pages

Fort Wayne Radio Club:	http://www.FWRC.info/
	http://groups.yahoo.com/group/FWRC/
ACARTS:	http://www.acarts.com
Fort Wayne DX Association:	http://www.qsl.net/fwdxa/
ARES:	http://groups.yahoo.com/group/Allen_Co_IN_ARES/
IN_PACKET Yahoo Group:	http://groups.yahoo.com/group/IN_PACKET/

Allen County HamNews is a monthly joint publication of the Fort Wayne Radio Club (P.O. Box 15127, Fort Wayne, IN 46885), the Allen County Amateur Radio Technical Society (P.O. Box 10342, Fort Wayne, IN 46851), and the Fort Wayne DX Association.

Please send any articles, classified ads, or other information to the editor, Ken Helms, AB9ZD, at **AB9ZD (at)ARRL.NET**. Please put "For Newsletter" in the subject line. Most text and graphics formats are acceptable. Microsoft Word and JPEG are preferred if separate files are used. For those without computer access, please mail your submission to either of the clubs post office boxes.

The deadline for the each issue is a few days before the end of the preceding month.

Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN

FWRC MAY MEETING MINUTES

The May meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church (GSUMC) on 11 May, 2018. The meeting was presided over by President Charles Ward, KC9MUT, there were about 40 folks attending.

Following the Pledge of Allegiance each person introduced themselves via their call sign.

Steve Nardin, W9SAN announced that the auction of items from several Ham estates, plus some donated items, had begun. It is making use of the Bidkall.com auction site graciously provided by Paul Prestia, KA3OPZ. There are about 80 items listed in the auction which will be active until 8pm on 1 June. Some of the proceeds of the sale of these items will go to the club.

Al Burke, WB9SSE gave the May fox-hunt report. Al and Carole Burke, WB9's SSE & RUS served as the fox. They were hunted by two teams, the first comprised of Charles Ward, KC9MUT, and Fred Gengnagel, KC9EZP, and the second team comprised of Steve & Linda Nardin, W9SAN & LAN and their grandson Alex. The fox lair was located on the Puffer Belly walking trail between Carroll Rd. and DuPont Rd. in LaCabreah.

The Nardin team were the first to find the microfox (Alex found it), followed soon after by the Ward/Gengnagel team. So, the Nardins will serve as the fox for the June hunt.

Treasurer Bob Streeter, W8ST provided a status on the Treasury. As of 11 May, 2018 the club financial and membership numbers were:

Income YTD \$2,455.56, Expenses YTD \$460.28, Cash on Hand \$ 55.00, Checking \$2,159.11, Savings \$4,808.06, Vanguard

June 15: Planning for ARRL Field Day.



Group \$5,000.00. Club members, 125.

Al Burke gave a repeater systems status report. Currently the 146.76 and 146.91 machines have problems. The upper VHF antenna at Robison Park has a high VSWR and as a result we are operating 146.76 on the lower VHF antenna. Likewise, the 146.91 antenna at IPFW has a high VSWR and thus the system is operating at low power and cannot hear too well. We need to examine the feedlines, jumpers, and antenna systems at both sites, probably with a TDR or FDR to try to determine what's wrong. Correction of the problems may unfortunately require replacement of antennas, jumpers or feedlines, and any of these outcomes will necessarily require the use of a tower climber, so resolution of the problems is likely to be expensive. Therefore, buy a lot of stuff from the auction (see above).

Charles noted that next month's meeting will concentrate on Field Day preparations. We will be using the Old Fort downtown as our base of operations again and will conduct Field Day Saturday, June 21st



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Carole Burke, WB9RUS

Webmaster

Jay Farlow, W9LW

Unless otherwise scheduled, all meetings are held at 7:00 PM at the Good Shepherd United Methodist Church, 4700 Vance Avenue, Fort Wayne, IN.

and Sunday, June 22nd. There will be a QRP night at the Old Fort Friday evening. All are invited to operate. Plans are to provide hot dogs and hamburgers Saturday prepared by master chef Charles on an out-doors grill, and Carole, WB9RUS will likely fumigate my house making Sauer-Kraut again as a part of this year's meal.

Joseph Lawrence, K9RFZ announced that the ACARTS picnic will occur on Saturday 11 August east of New Haven out by the Flying Circuits and Star-Quest Observatory complexes.

Al Burke and Tom Rupp, KU8T announced that group pictures of those attending the Dayton (Xenia) Hamfest would be taken at noon on Friday and again on Saturday during Hamfest weekend. So, folks from the general Ft. Wayne area should gather near the three main buildings a little before noon either day for the group mug-shot. We will coordinate on 146.58 simplex.

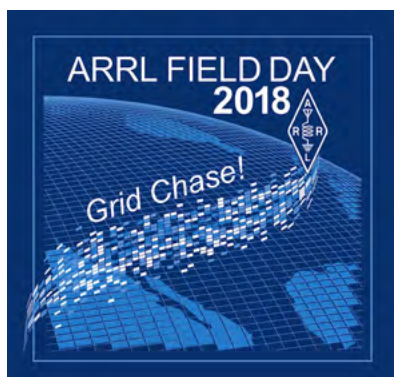
Following the business meeting club members Jack Shutt, W9GT, Steve Nardin, W9SAN, Tom Rupp, KU8T, Terry Bowman, K9FMX, and Joe Otero, KB9EWN presented examples of antenna in the attic storage ideas, plus their antenna fabrication activities including several HF Magnetic Loop antennas, a Quadrifilar Helix antenna, a roof mounted VHF Slot antenna and portable ground plane and yagi antennas.

It just goes to show you, you never know what's brewing in those basement workshops and fertile minds.

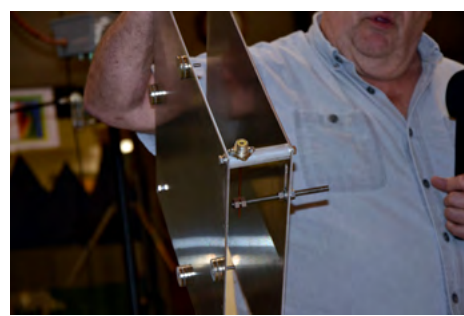
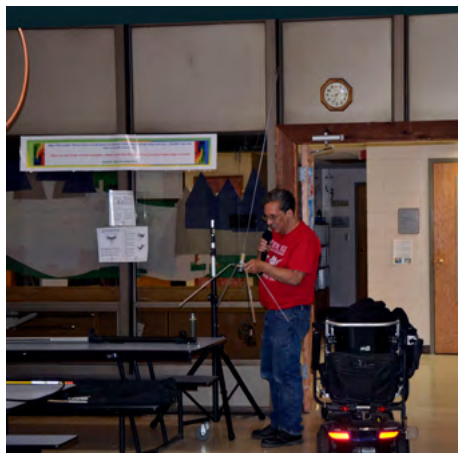
Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club



**2018 ARRL FIELD DAY Is
JUNE 23-24**



TECHNICIAN LICENSE EXAM QUESTION POOL CHANGES ON JULY 1, 2018

Know of anyone who has been studying for the Technician license? You may want to remind them to take the exam before July 1, 2018. On July 1, the question pool for the Technician license will change. The Northeastern Indiana Amateur Radio Club license testing is on June 2nd 2018. The testing will be at the Court House Annex in Auburn from 9:30 AM until 11:30 AM. Licensees should enter the building on Tenth Street.

<http://www.arrl.org/tech-question-pool>

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

ACARTS PRESIDENT'S MESSAGE

Many thanks to Jack, W9GT, and Tom, KU8T, for their excellent presentation on the digital mode FT8 at the May Meeting. The presentation included a description of the hardware and software necessary to operate the mode, a walk-through of how to operate the mode, including screen shots of the software in use, and a video of Tom making FT8 contacts. Many of the members present expressed an interest in trying FT8 after hearing the presentation.

Congratulations to the winners of the FM VHF/UHF Simplex Contest that was held in April. First Place in the Base category went to Bob, K9BLI. First place for the Rover category went to the team of Charles KC9MUT, and Fred, KC9EZP. There were no logs submitted in the Portable category. Thank you to all that participated. Complete results can be found elsewhere in the newsletter.

Even though I haven't been to the Dayton Hamvention since 1962, it sounds like those of you from Fort Wayne that did attend this year had a good time despite the intermittent rain on Friday. Many thanks to those of you that talked to the vendors and invited them Fort Wayne for the Fort Wayne Hamfest and the ARRL Central Division Convention. Let's hope that your efforts can be turned into more vendors attending the Fort Wayne Hamfest. The time that you spent talking to them is ap-



preciated.

The June meeting on the 19th will be a presentation by Jim, KB9IH, on the Low Profile 2-Meter Mobile Slot antenna that was described in the March issue of QST. It sounds like an interesting concept.

Remember that there are no ACARTS meetings in July. Mark your calendars for August 11th. That is the date of the club picnic to be held at the Jefferson Township Park. It will be essentially the same as last year, with the club supplying hamburgers and hotdogs, while other items, such as salads and desserts will be a potluck carry-in. Let me know if you have any ideas for activities. It is still in the early planning stages, so any suggestions to make this a fun event for all are welcome.

73,

Dave Lindquist, W9LKH

President

FORT WAYNE HAMFEST
& Computer Expo

46th Year

Allen County War Memorial Coliseum
4000 Parnell Ave
Fort Wayne, IN
73,000 sq. ft. - all indoors
(Coliseum Parking \$5 per vehicle)

Admission: \$6 Sat & Sun
\$3 Sun only
Children under 12 free (with adult)

- Ham Radio License Testing (\$14)
- 9 AM till 12 PM Saturday
- W9LKH & QST Checking
- New & Used Ham Dealers
- Main & Hourly Prices
- Equipment Check-out table
- Talk-in 146.880
- Forums Saturday only
- Tables: \$25 Regular (\$8)
- \$50 Premium (\$15)
- \$30 Electricity

NOV 17&18 2018
SAT 9 AM to 4 PM
SUN 9 AM to 2 PM

2018 ARRL CENTRAL DIVISION CONVENTION
Get the latest information at
www.fortwaynehmfest.com
www.facebook.com/FTWAYNEHAMFEST/



June 19: Planned presentation by Jim, KB9IH, on the Low Profile 2-Meter Mobile Slot Antenna that as described in the March issue of QST.

Unless otherwise scheduled, all General meetings are held at 7:00 PM at the Red Cross Center, 1212 E California Rd, Fort Wayne, IN. Board meeting are held at the Salvation Army Facility.

ACARTS Officers

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ACARTS May 2018 BOARD MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

Dave announced that the May meeting would be a presentation on the digital mode FT8 by Jack, W9GT, and Tom, KU8T.

Dave added that the June Meeting would be a presentation by Jim, KB9IH, on the Low Profile 2-Meter Mobile Slot Antenna that was described in the March issue of QST.

He reminded the members present

that there would be no ACARTS meetings in July, and that the club picnic would be held on August 11th at the Jefferson Township Park.

Dave asked for a progress report on the cleaning out of the storage unit. It was reported that several items were thrown away that several items that ACARTS was not using would be placed on the FWRC Auction. This reduction in stored items would allow ACARTS to rent a smaller unit.

Jim, KB9IH, reported on the status of the Hamfest preparations. He presented business cards to be given to vendors at the Dayton Hamvention promoting the Fort Wayne Hamfest and the ARRL Central Division Convention.

No other business was discussed.

The meeting was adjourned at 7:55 p.m.

Submitted by Dave Lindquist, W9LKH

ACARTS May 2018 GENERAL MEETING MINUTES

The meeting was called to order by Dave, W9LKH.

After introductions, Dave asked if there were any new hams with a membership letter present. Jordan Marshall, KD9KQX, presented a letter and was welcomed to the club.

Dave announced that the June meeting would be a presentation by Jim, KB9IH, on the Low Profile 2-Meter Mobile Slot Antenna described in the March issue of QST.

He added that there would be no ACARTS meetings in July, and that the club picnic would be held on August 11th at The Jefferson Township Park.

Certificates were presented to the winners of the FM VHF/UHF Simplex Contest that was held in April. First Place in the Base category went to Bob, K9BLI. First place for the Rover category went to the team of Charles KC9MUT, and Fred, KC9EZP. There were no logs submitted in the Portable category.

Jack, W9GT, and Tom, KU8T, gave an excellent presentation on the digital mode FT8. The presentation included a description of the hardware and software necessary to operate the mode, a walk-through of how to operate the mode, including screen shots of the software in use, and a video of Tom making FT8 contacts.

Submitted by Dave Lindquist, W9LKH.

ACARTS VHF FM Simplex Contest Results

Continued from Page 1



VHF FM Simplex Contest Certificate

operated his home base station to win his category.

The Allen County VHF FM Simplex Contest started in 2009 as an ARES sponsored event to stimulate simplex operation and give every licensed operator an opportunity to compete with minimal equipment. The ACARTS has sponsored the event the past two years to keep the tradition alive and give local operators a low commitment, but fun activity each Spring. The ACARTS appreciates all who participated and welcomes suggestions for improving the contest for next year.

Silent Key



JULIAN F. FRANKE III, W9TQA

Julian F. Franke III, 78, passed away on May 27, 2018. He was a pilot and flight instructor for over 40 years and a captain with the Fort Wayne Fire Department. He was a life member of the ARRL, president of the Quarter Century Wireless Association for two terms, and a member of the Fort Wayne Radio Club. Julian loved flying, collecting model trains, traveling, ham radio, and above all, his family.

[Link to complete obituary.](#)

Silent Key



RON BUSCH, WB9AA

Ronald "Ron" E. Busch, 64, passed away on May 24, 2018. Ron loved to spend time with his family. His hobbies included writing, ham radio, watching college athletics, and working on household projects. He made sure to teach his children how to fix things so that one day they could take care of their own homes. He loved to make people laugh with his jokes and inspire people with his words and prayers.

[Link to complete obituary.](#)



Carl Luetzelschwab, K9LA

After passing my General exam in the early 1960s, I was introduced to traffic handling by Al K9DHN (he's K0AD now). Al lived in Munster, which was just a hop, skip and jump from where I lived in extreme southern Hammond. My first experience in traffic handling was with QIN, the Indiana CW traffic net that at the time met on 3656 KHz every night.

I eventually started checking into 9RN, too, which is the Ninth call area Regional CW traffic Net. As expected, it consists of Indiana, Illinois and Wisconsin – but it also includes Kentucky. With QIN and 9RN experience under my belt, I even checked into CAN (the Central Area Net).

If I wanted to send a message to my

PROPAGATION PROBLEMS ON QIN

sister at nursing school in Minneapolis, I'd usually check in with QIN, and pass the message along to someone who was going to check into 9RN. He in turn would pass it along to someone who was going to check into CAN. On CAN, my message would go to the Tenth area Regional Net, and then to the Minnesota state traffic net. Whew! It sure is easier nowadays with e-mail and cell phones, isn't it?

After many check-ins to QIN, someone must have thought I knew what I was doing – thus I became an NCS (net control station) for QIN. I enjoyed that, and met other hams on QIN – for example, Mike WA9BWY in Indy (now W9RE), Jim WA9AUM in Richmond (now K1TN and a former ARRL employee) and others.

One of the problems with being an NCS with QIN was propagation on 80-Meters in the winter months. The MUF (maximum useable frequency) for short paths within Indiana was often below 3.5 MHz. There just wasn't enough ionization to refract 3.5 MHz signals back to Earth on these short high-angle paths. Taking check-ins and even passing traffic was a real chore.

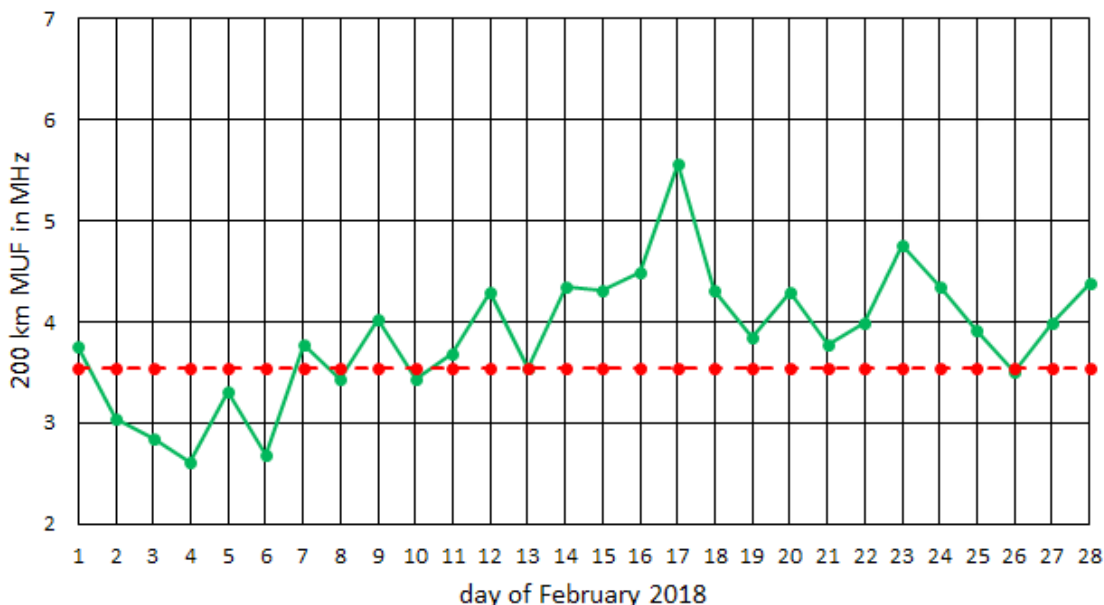
Fast forward to nowadays. I again enjoy checking into QIN, and this propaga-

tion problem is still there in the winter months. But nowadays we can mitigate it by QSYing to 160-Meters (160-Meter capability wasn't as prevalent back in my early days as it is now). What usually happens is after not hearing anything on 80-Meters (or hearing very weak signals), everyone checks the 160-Meter frequency – where signals are nice and strong.

What's even better about nowadays is we can pretty much know a priori that 80-Meters may not be good on a given night. We can do this by taking a look at the short distance (high-angle) MUF reported by the Alpena, MI ionosonde before net time. Alpena is several hundred miles north of Ft Wayne, but it is close enough to get a general idea of what the ionosphere is doing in Indiana.

Take a look at the plot of Alpena data for February 2018. The red dotted line is 3535 KHz. It's easy to see what days were a problem – when we had to QSY to 160-Meters. By the way, I chose 200 km as that's about the maximum distance from Indy to any other part of the state. Yes, there are shorter paths that would be even more of a problem. But 160-Meters works for these paths, too.

**Alpena (Michigan) Ionosonde MUF Data at 0100 UTC
February 2018 - 8 PM local - 200 km Path**



PHOTOS OF LOCAL HAMS AT HAMVENTION 2018

Everyone brings their A-game to Hamvention. Attendees were able to see new products like the Yaesu FTDX-101D, Kenwood 890, and SDRPlay dual.

Those from Fort Wayne who made the trip had a fun time. If you missed it, here are just a few of the photos they brought back from the Hamvention. More photos can be found on the Photos page of the FWRC web site. Check them out at:

<http://www.fwrc.info/index.php/photos>

Photos provided by Steve Nardin, W9SAN; Tom Rupp, KU8T; Jay Farlow, W9LW; and Al Burke, WB9SSE.



THE FOXHUNT CHRONICLES FOR THE MAY HUNT

The fourth foxhunt of 2018 occurred on 6 May, 2018, a slightly overcast but otherwise simply gorgeous spring afternoon. Two teams arrived at the starting point at Cobin Memorial Park in anticipation of the hunt beginning at 13:30 hours. The first team consisted of Charles Ward, KC9MUT and Fred Gengnagel, KC9EZP. The second team included Steve and Linda Nardin W9's SAN & LAN and their grandson Alex (who celebrated his 20th birthday the day before).

The fox function was provided by Carole & Al Burke, WB9's RUS & SSE. (Their usual partners, Sir Jim & Lady Ann Pliett could not attend as they were on a cruise experiencing the British Isles. Jim said if they had time they were going to stop by and check out the new Prince Louie).

Al & Carole decided to locate the fox on the Puffer-Belly jogging trail about half-way between DuPont Rd. and Carroll Rd. in La Cabreah. So, they set up the high power fox in a little clearing just off the trail. They planted a five element yagi on a mast at about ten feet, pointed south, and drove it with a 20 watt mobile rig.

The microfox was stuffed inside a tree branch and placed on the ground next to a tree, about 20' off the trail and adjacent to a wooden bridge that crossed a creek bed.



High power fox transmissions started at 13:30, on schedule, with transmissions lasting one minute every five minutes. The microfox transmitted for one minute immediately following the end of each high-power fox transmission, and also at two and a half minutes following the end of each high power fox transmission. Although I was told that the initial high-power fox transmissions were a little weak as heard at Cobin Park, they were strong enough for the two foxhunter teams to take bearings and head out.



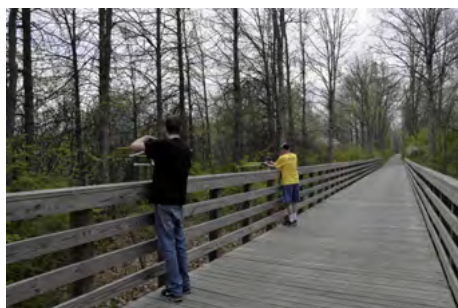
There were a lot of joggers, bicyclers, skateboarders and walkers out doing their thing on the Puffer-Belly trail that afternoon and Carole and I had an opportunity to talk to a lot of them. They were most curious about what we were up to, so they all got a bit of an education regarding Ham radio, and in particular Fox-hunting.

Steve Nardin and his grandson Alex were the first to localize us at around 14:15. They hoofed in from the Carroll Rd. direction.

Much to my surprise they zeroed right in on the microfox. Alex just seemed to walk right up to it, pointed down, and said "There it is!"

About fifteen minutes later Charles and Fred showed up, walking in from DuPont Rd. direction. In fairly short order they found the microfox too.

So with that we packed things up and proceeded to Culvers on DuPont Rd. for a



well deserved repast.

Scoring for this hunt and year-to-date are as follows:

Call	Score This Month	Year to Date
WB9RUS	4.5	13.5
WB9SSE	4.5	13.5
K9OMA	0	11
KA9YYI	0	7
KC9MUT	1	14.5
KC9EZP	1	14.5
KB9RLW	0	9
KC9UHU	0	5
W9SAN	2	6
W9LAN	2	5
Alex	3	5
K9LI	0	1
RUDY WILFONG	0	1

Steve, Linda and Alex will serve as the fox for the June hunt (3 June 2018). Why don't you plan to join us?

Al, WB9SSE



2018 FOXHUNT SCHEDULE

The following is the planned Foxhunt schedule for 2018 for the remaining foxhunts. All foxhunts start at 1:30 PM on Sunday at the River Greenway Trailhead at Cobin Memorial Park near Lakeside Golf Course.

June 3
July 8
August 5
September 9
October 7
November 4

FWRC INDIANA QSO PARTY PICTURES

FWRC members participated in the Indiana QSO party from their own QTH. Here are a few of the photos. Included just below is a photo of how to use a Toyota Corolla as a "tool." We had to use the car to separate parts of the vertical antenna that was mounted in Terry's trailer.

Good fun but marginal conditions on the bands until 5 PM or so.

73, Steve, W9SAN



If you have something you would like to have listed in the classified section then please send an email to the newsletter editor at **AB9ZD(at)ARRL.NET**.

Fulton County Amateur Radio Club Summer Hamfest 2018

Saturday June 2nd, 8:00 AM – 1:00 PM
Roth Family Woodlot, 105 Hill Avenue,
Tedrow, OH
<http://k8bxq.org/hamfest>

FOR SALE: Honda EU2000i generator with accessories. Asking \$1,000 for everything. Generator EU2000i (\$990 when new), Tri Fuel conversion kit installed (\$200 when new), propane tank (\$50 when new), six gallon tank with dual feed quick disconnect hose for connecting one or two Honda generators at a time (\$170 when new), electrical add on box and heavy duty cable for hook up to home switch (\$300 when new). Total \$1,710 when new, asking \$1,000 for all.

John J. Reitz, Email: ab9rz@arrl.net or jreitzprr@yahoo.com
Home Phone: (260) 471-4190 Cell: (260) 466-2543



CONTEST CALENDAR

Here are a few of the contests that will be held in the next few weeks. Please refer to the contest web sites for full rules, scoring information, operating periods or time limits, and log submission information.

Some of the places on-line with information on contests include:

ARRL Contest Corral Web page www.arrl.org/contests

ARRL's National Contest Journal www.arrl.org/ncj

ARRL Contest Update www.arrl.org/contest-update-issues

Contesting On-Line www.contesting.com

WA7BNM Contest Calendar www.hornucopia.com/contestcal/

DXNews <http://dxnews.com>

DX Zone Contesting www.dxzone.com/catalog/Contesting/

ARRL Contest Calendar www.arrl.org/contest-calendar

KENTUCKY QSO PARTY			ARS SPARTAN SPRINT			RSGB NATIONAL FIELD DAY		
JUNE 2, 1400Z		JUNE 3, 0200Z	JUNE 5, 0100Z		JUNE 5, 0300Z	JUNE 2, 1500Z		JUNE 3, 1500Z
1.8-28	144	PHONE, CW, DIGITAL	3.5-28	-	CW	1.8-28	-	CW
RS(T), COUNTY OR SPC			RST, SPC, POWER			RST, SERIAL		
http://www.kyqsoparty.org/			http://arsqrp.blogspot.com/			https://www.rsgbcc.org/hf/		
ARRL JUNE VHF CONTEST			COOKIE CRUMBLE QRP CONTEST			WEST VIRGINIA QSO PARTY		
JUNE 9, 1800Z		JUNE 11, 0259Z	JUNE 10, 1700Z		JUNE 10, 2200Z	JUNE 16, 1600Z		JUNE 17, 0200Z
-	50+	PHONE, CW, DIGITAL	1.8-28	No WARC	PHONE, CW, DIGITAL	3.5-28	-	PHONE, CW, DIGITAL
4-CHAR GRID SQUARE			RS(T), SPC, COOKIE NUMBER, NAME			RS(T), COUNTY OR SPC		
http://www.arrl.org/june-vhf			https://w3atb.com/cookie-crumble/			http://www.qsl.net/wvsarc/		
KIDS DAY CONTEST			NAQCC CW SPRINT			ARRL FIELD DAY		
JUNE 16, 1800Z		JUNE 16, 2359Z	JUNE 21, 0030Z		JUNE 21, 0230Z	JUNE 23, 1800Z		JUNE 24, 2100Z
1.8-28	-	PHONE	3.5-28	-	CW	1.8-28	50+	PHONE, CW, DIGITAL
NAME, AGE, QTH, FAVORITE COLOR			RST, SPC, MBR OR POWER			NO. OF TRANSMITTERS, CLASS, ARRL/RAC SECTION		
http://www.arrl.org/kids-day			http://naqcc.info/			www.arrl.org/field-day		

ACARTS (W9INX) REPEATERS			FWRC (W9TE) REPEATERS			OTHER AREA REPEATERS			
Freq/Offset	Input Tone		Freq/Offset	Input Tone		Call	Freq/ Offset	Input Tone	
146.880 (-)	No tone	General use / Skywarn priority	146.760 (-)	No tone	General use (Note 1)	W9FEZ	145.330 (-)	No tone	Fort Wayne
147.255 (+)	No tone	General use	146.910 (-)	No tone	General use (Notes 1 and 4)	W9FEZ	224.780 (-)	No tone	Fort Wayne (Note 1)
443.800 (+)	No tone	General use	146.940 (-)	141.3 Hz required	General use (Notes 1 and 3)	W9FEZ	444.800 (+)	No tone	Fort Wayne (Note 1)
144.390 (s)	Digital	APRS - wide	444.875 (+)	141.3 Hz required	General use (Note 1)	K9MMQ	443.100 (+)	N/A	Fort Wayne, DMR
145.530 (s)	Digital	W9INX-1 Digipeater and Node	442.99375	D-STAR	General use (Note 2)	K9MMQ	443.275 (+)	141.3 Hz required	Fort Wayne
Notes: General Note: Standard 0.6 MHz (2-meter), 1.6 MHz (1.25-meter) and 5.0 MHz (70-cm) frequency offsets are used for all repeaters unless otherwise indicated.			Notes: 1. 141.3 Hz output tone present 2. Offset + 5.0 MHz, W9TE ___ B, W9TE ___ G 3. Yaesu System Fusion repeater, supports both FM (analog) and C4FM (digital) voice 4. EchoLink connection repeater Node number 519521			N9MTF	442.6375 (+)	N/A	Fort Wayne, DMR
						W9AVW	444.250 (+)	141.3 Hz required	Fort Wayne
						W9OU	147.015 (+)	No tone	Auburn
						WC9AR	145.270 (-)	141.3 Hz required	Columbia City
						WC9AR	444.550 (+)	No tone	Columbia City
						K9OMA	147.375 (+)	No tone	Columbia City
						K9HC	146.685 (-)	141.3 Hz required	Huntington
						N9BCP	147.150 (+)	97.4 Hz required	Ligonier
						Notes:			

Articles, photographs, and classified ads for publication in the Allen County HamNews should be emailed to the newsletter editor at [AB9ZD\(at\)ARRL.NET](mailto:AB9ZD(at)ARRL.NET) several days before the first of the month. If you notice information that needs changed, please contact the newsletter editor by email.

The Allen County HamNews is prepared using Adobe's InDesign software along with PhotoShop and Acrobat on an i7 PC running Windows 10.

Membership Application for ☐ ACARTS OR ☐ FWRC

Name: _____ Call sign: _____ License class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ - _____ Phone #: (_____) _____ - _____ Unlisted? ☐ Yes
 Email address: _____ ARRL Member? ☐ Yes

(ARRL membership helps your club maintain affiliation.)

May we list your name, call & email address in our membership roster and on our club web site? ☐ Yes ☐ No

Both clubs now offer this newsletter as a downloadable (Adobe Acrobat) PDF file, in lieu of a paper copy sent through the mail. For FWRC a mailed paper newsletter is a \$25.00/yr. premium.

How would you like your newsletter delivered? ☐ by snail mail ☐ download from web site.

A.C.A.R.T.S. Dues

Regular membership ☐ \$12.00 / year
 Additional family members¹ ☐ \$6.00 / year
 Student membership² ☐ \$6.00 / year
 Associate membership³ ☐ \$6.00 / year
 (New Regular memberships are \$1/month)

Fort Wayne Radio Club Dues

Regular membership ☐ \$20.00 / year
 Family membership¹ ☐ \$30.00 / year
 Student membership² ☐ \$5.00 / year
 Associate membership³ ☐ \$20.00 / year
 Mailed newsletter premium ☐ \$25.00 / year
 (Memberships for Jul - Dec are 1/2 the stated amounts.)

1. Please list all names and calls on an attached sheet.

2. K-12 or full time student

3. Unlicensed member

Please attach a check (number _____) for the appropriate amount and bring to a club meeting or mail to:

ACARTS

PO Box 10342

Fort Wayne, IN 46851-0342

Fort Wayne Radio Club.

PO Box 15127

Fort Wayne, IN 46885-5127

For dual membership, send a check to each club for your respective membership. Payment by check is strongly encouraged!

Special Event Stations This Month

Memorial Day

5/28-6/3 0000Z-2359Z K7UGA

<http://www.cadxa.org/>

Corvette Homecoming

5/31-6/3 1400Z-2300Z KY4BG

<http://www.kcarconline.com/>

Museum Ships Weekend

June 2-3 0001Z-2359Z NJ2BB

<http://www.nj2bb.org/>

Jimmy Stewart Airport Festival

Jun 9-10 1400Z-2000Z W3BMD

<http://qsl.net/w3bmd/>

NASA on the Air (NOTA)

Jun 18-24 0000Z-2359Z NN4SA

<https://nasaontheair.wordpress.com/>

For a complete listing of special event stations (and latest updates), check the listing in QST and the ARRL web page:

www.arrl.org/special-event-stations

AREA NETS

Daily

8:00 AM 3.535 Daily (QIN) Indiana Section CW net

8:30 AM 3.940 Daily Indiana Traffic Net

6:00 PM 3.940 Daily Indiana Traffic Net

6:30 PM 146.880- IMO (alternate is 146.760)

7:00 PM 147.015+ Tri State Two Meter Net

8:00 PM 3.535 Daily (QIN) Indiana Section CW net

Week Days

8:30 AM 3.820 Little Red Barn Net

Sunday

8:00 PM 444.550+ Whitley Co. ARC Sunday Night Net

8:30 PM 1.965 & 146.910- "No-Name" Net also on EchoLink Node number 519521

9:00 PM 145.530 Northeast Indiana Packet Net (Note 2)

Monday

8:00 PM 224.780- Fort Wayne 224 Net

Tuesday

8:00 PM 50.580 USB FWRC 6-Meter SSB Net

9:00 PM 146.940- Allen Co. ARES Training Net

Wednesday

7:00 PM 146.760- FWRCYL Net

7:30 PM 147.150+ 21 Repeater Group

8:00 PM 145.270- Whitley Co. ARES (141.3 PL)

8:00 PM 50.580 FM FWRC 6-Meter FM Net

9:00 PM 146.940- Help and Swap Net

Thursday

7:30 PM D-STAR Indiana D-STAR net (Note 3)

8:00 PM 50.580 AM 6-Meter AM Net

8:30 PM 145.510 (s) Allen County ARES Digital Operations Team Training Net (Note 4)

Saturday

8:00 PM 146.685- Huntington ARES

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at AB9ZD (at) ARRL.NET.**

2. On 145.530 @ 1200 baud. Use unconnected converse mode to communicate for a roundtable net setting. Use your "UNPROTO" command or equivalent to set Digi path(s) through the strongest station(s) needed between you and your destination. Only use those that are necessary! Have all your "Monitor" settings on so you can see everyone.

3. 1st and 3rd Thursday, Reflector REF024B.

4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.

5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>

To:

Activities Calendar



Date	Time	Event	Place
06/03/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
06/12/2018	7:00 PM	ACARTS Board Meeting	Salvation Army Facility
06/15/2018	7:00 PM	FWRC General Meeting	GSUMC
06/19/2018	7:00 PM	ACARTS General Meeting	Red Cross Center
07/08/2017	1:30 PM	Foxhunt - River Greenway Trailhead/Cobin Memorial Park near Lakeside Golf Course	
No ACARTS meetings in July			
07/10/2018	7:00 PM	FWRC Board Meeting	GSUMC
07/20/2018	7:00 PM	FWRC General Meeting	GSUMC
11/17/2018	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum
11/18/2018	9:00 AM	Fort Wayne Hamfest and Computer Expo	Allen County War Memorial Coliseum